

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	10/803528	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 14:22
S3	2	("4615755") or ("5972430").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/19 14:23
S2	40	("4058430" "4413022" "4798165" "5006363" "5294568" "5493987" "5648321" "5773078" "5786248" "5830277" "5856242" "5916365" "5964949" "5968279" "5972430" "6013553" "6015590" "6037235" "6118100" "6133550" "6136725" "6150209" "6174809" "6177341" "6198074" "6200634" "6203613" "6207583" "6301434" "6303520" "6331697" "6342691" "6342777" "6355909" "6420279" "6436796" "6449428" "6451713" "6531793" "6540838").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 14:23
S4	2	("2004/0247787").URPN.	USPAT	OR	ON	2007/01/19 14:44
S6	3	10/413507	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 14:58
S5	63	("4565601").PN. OR ("4615755").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 14:58
S7	29	("4261762"   "4392915"   "4457359"   "4466872"   "4508161"   "4512391"   "4527620"   "4542298"   "4609037"   "4615755"   "4680061"   "4743570").PN. OR ("5443997").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 15:20
S8	52	("4261762"   "4384918"   "4457359"   "4508161"   "4512391"   "4615755"   "4771730"   "4842683"   "4931135"   "4949783"   "4963713").PN. OR ("5270266").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/20 16:20
S10	233	S9 and (leak\$4 vent\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/20 16:21

## EAST Search History

S9	763	((156/345.51) or (156/345.52) or (156/345.53)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/20 16:21
S12	10	("4565601"   "4949783"   "5267607"   "5320982"   "5622593"   "5676205"   "5990016"   "6140612"   "6174408").PN. OR ("6635580").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/20 16:25
S13	33	("3724835"   "3907268"   "4508161"   "4527620"   "4535834"   "4565601"   "4603466"   "4771730"   "4842683"   "4999320"   "5155331"   "5191218"   "5238499"   "5267607"   "5270266"   "5350479"   "5458687"   "5474614"   "5486132"   "5547539"   "5583736"   "5720818"   "5838528").PN. OR ("6033478").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/20 16:57
S15	978	S14 and (leak\$4 vent\$4) with gas	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/20 16:58
S14	7939	((118/715) or (118/725)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/20 16:58
S11	139	S9 and (leak\$4 vent\$4) with gas	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/20 16:58
S17	107	S11 not S16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/20 16:59

## EAST Search History

S18	293	S16 not S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/20 17:00
S19	16	("5304248"   "5447570"   "5476548"   "5578532"   "5620525"   "5679405"   "5695568"   "5766363"   "5800686"   "5882417"   "5882419"   "5888304"   "5985033").PN. OR ("6296712"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/20 17:15
S20	36	("4595608"   "4963393"   "4990374"   "5033407"   "5094885"   "5133284"   "5213650"   "5230741"   "5238499"   "5292554"   "5326725"   "5328722"   "5374594").PN. OR ("5679405"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/20 17:17
S21	43	("4535228"   "4780174"   "5194401"   "5427625"   "5536918"   "5592581"   "5651670"   "5772770"   "5777300").PN. OR ("6111225"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/20 17:24
S22	1	("5879459").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/21 11:59
S23	155	("4533410"   "4533820"   "4689247"   "4828224"   "4836138"   "4846102"   "4976996"   "4993360"   "5077875"   "5119760"   "5194401"   "5336327"   "5749974"   "5788447").PN. OR ("5879459"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/21 12:01
L8	36	("4595608"   "4963393"   "4990374"   "5033407"   "5094885"   "5133284"   "5213650"   "5230741"   "5238499"   "5292554"   "5326725"   "5328722"   "5374594").PN. OR ("5679405"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/21 13:45
L9	13	((backside back adj side) with gas with (leak\$4) same ((suppl\$4 inject\$4 dispers\$4 diffus\$4) with (chamber reactor reaction))	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/21 13:46

## EAST Search History

S16	325	S14 and (leak\$4 vent\$4) with gas same (support\$4 susceptor holder holding chuck\$4 esc pedestal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/21 13:47
L10	91188	(156/345.\$).CCLS. or ("118").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/21 13:47
L16	293	L15 not L13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/21 13:48
L14	7939	((118/715) or (118/725)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/21 13:48
L13	139	L12 and (leak\$4 vent\$4) with gas	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/21 13:48
L12	763	((156/345.51) or (156/345.52) or (156/345.53)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/21 13:48
L11	907	10 and (leak\$4 vent\$4) with gas same (support\$4 susceptor holder holding chuck\$4 esc pedestal)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/21 13:48
L21	226	20 and gas same (support\$4 susceptor holder holding chuck\$4 esc pedestal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/21 14:02
L20	343	(156/345.29).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/21 14:02

## EAST Search History

L19	316	17 and (plural plurality multiple two second) with (substrate wafer semiconductor workpiece work adj piece)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/21 14:02
L17	535	11 not L13 not L16	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/21 14:02
L15	325	L14 and (leak\$4 vent\$4) with gas same (support\$4 susceptor holder holding chuck\$4 esc pedestal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/21 14:02
L22	203	21 not L13 not L16 not 19	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/21 14:03
L23	14	("20010047756"   "20020033233"   "20030226588"   "20040007176"   "4492716"   "5269847"   "5582944"   "5879459"   "5916369"   "6019848"   "6056024"   "6261374"   "6406519"   "6668752").PN. OR ("6843882").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/21 14:12
L24	25	("4512283"   "5213650"   "5753566").PN. OR ("5914278").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/21 14:18
L25	43	("4439261"   "4512283"   "4624728"   "4736087"   "4749589"   "4812201"   "4842683"   "4854263"   "4857142"   "4901667"   "4908095"   "4962049"   "5024748"   "5075256"   "5133284"   "5213650"   "5230741"   "5234529"   "5238499"   "5286297"   "5332441"   "5374594"   "5534231"   "5540800"   "5605602"   "5614055"   "5620525"   "5693182"   "5700725"   "5707485"   "5811022"   "5824604"   "5914278"   "5919382"   "5964949"   "5983828"   "6074953"   "6143129").PN. OR ("6335293").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/21 15:21
L28	90	(mattson adj technology).as.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/21 15:22
L27	16	(neil near2 mackie martin near2 zucker steven near2 selbrede).in.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/21 15:22

## EAST Search History

L29	50	28 and gas.clm.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/21 16:23
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